

PATENT COOPERATION TREATY

To:

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PCT

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

(PCT Rule 43bis.1)

		Date of mailing (day/month/year)	10 September 2004 (10.09.2004)
Applicant's or agent's file reference IWP/HM/183/04		FOR FURTHER ACTION See paragraph 2 below	
International application No. PCT/SG 2004/000148	International filing date (day/month/year) 21 May 2004 (21.05.2004)	Priority Date (day/month/year) 22 May 2003 (22.05.2003)	
International Patent Classification (IPC) or both national classification and IPC A47B 88/04			
Applicant LOH, Ean Leng			

1. This opinion contains indications relating to the following items:

- Cont. No. I Basis of the opinion
- Cont. No. II Priority
- Cont. No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Cont. No. IV Lack of unity of invention
- Cont. No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Cont. No. VI Certain documents cited
- Cont. No. VII Certain defects in the international application
- Cont. No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ AT Austrian Patent Office Dresdner Straße 87, A-1200 Vienna	Authorized officer VELINSKY-HUBER I.
Facsimile No. +43 / 1 / 534 24 / 535	Telephone No. +43 / 1 / 534 24 / 371

WRITTEN OPINION OF THE
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1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed.

Continuation No. V**Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims 1 - 13	YES
	Claims ----	NO
Inventive step (IS)	Claims 1 - 13	YES
	Claims ----	NO
Industrial applicability (IA)	Claims 1 - 13	YES
	Claims ----	NO

2. Citations and explanations:

The following documents have been cited in the Search Report :

D1 US 4961614 A
D2 US 4810045 A
D3 DE 4114708 A1

Document D1 refers to a stabilizing arrangement for a drawer comprising drawer support means ("adjusting part 11" in the document) and a runner system (6, 7) to enable the in and out movement, wherein a guide (13) is located in a slot (23) in the support means (11) and is moveable laterally in order to adjust the variance between the interior of the furniture member and the width of the drawer and is locked to the support means (11) and the drawer runner (6) according to several features of the subject matter of claim 1.

Document D1 does not show that the drawer is double walled and that the runner system is housed within the support means.

Document D2 discloses a stabilizing arrangement for a drawer comprising drawer support means ("runner holding clip 28" in the document) and a runner system (24) housed within the support means to enable the in and out movement, wherein a guide (62) is moveable laterally in order to adjust the variance between the interior of the furniture member and the width of the drawer according to several features of the subject matter of claim 1.

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Document D2 does not explain that the guide is located in a slot on the support means to accommodate variance between the interior of the furniture body and the width of a double walled drawer and that the guide is locked in the slot when force is applied to the guide.

Document D3 refers to a stabilizing arrangement for a drawer comprising drawer support means (34 in the document) and a runner system (14, 18) to enable the in and out movement, wherein a guide (36) is located in a slot (40) in the support means (34) and is moveable laterally in order to adjust the variance between the interior of the furniture member and the width of the drawer according to several features of the subject matter of claim 1.

Document D3 does not disclose that the drawer is double walled, that the runner system is housed within the support means and that the guide is locked in the slot when force is applied to the guide.

Though the cited documents D1, D2 and D3 relate to the subject matter of the present claims inasmuch as several features are disclosed by them, the cited documents do not show the entire set of claimed features. With regard to documents D1, D2 and D3 the features of claim 1 are not obvious to a person skilled in the art and therefore the subject matter of claim 1 is considered to be new and to involve an inventive step as defined in Article 33 PCT.

Several features of dependent claims 2 to 13 are known per se from document D1, especially a force supplying means (clamping screw 13 in document D1) according to claim 3, which applies constant pressure according to claim 5, the alignment of guide and runner (runner 6 in document D1) and the fitting of a drawer with a stabilizing arrangement on at least one side thereof according to claims 12 and 13.

Although several features of dependent claims are known per se from document D1 the subject matter of these claims 2 to 13 in combination with the features of independent claim 1 to which they refer are not obvious to a person skilled in the art.

Therefore this subject matter of claims 2 to 13 can be regarded new and inventive in respect of the prior art as described in the cited documents D1 to D3.

The subject matter of claims 1 to 13 is industrially applicable.

Continuation No. VII:

Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

Independent claim 1 does not meet the requirements of Rule 6.3 (b) PCT according to which the claim should be properly cast in the two part form with those features which in combination are part of the prior art being placed in the preamble.

According to Rule 6.3 (b) claims shall contain:

- (i) a statement indicating those technical features of the invention which are necessary for the definition of the claimed subject matter but which, in combination, are part of the prior art,
- (ii) a characterizing portion - preceded by the words "characterized in that," "characterized by," "wherein the improvement comprises," or any other words to the same effect - stating concisely the technical features which, in combination with the features stated under (i), it is desired to protect.

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Reference signs for all essential constructional elements should be inserted in parentheses in the claims, Rule 6.2 (b) PCT; this applies to both the preamble and the characterising portion.

Some references in the dependent claims should be reconsidered:

The subject matter of claim 8 relates to the "said leg" and should therefore refer back to claim 6 where the said leg is mentioned (instead of claim 5). In claim 10, which further characterizes the "holder" reference should be made to claim 9 (instead of claim 7) where the "holder" is mentioned first.

A drawer according to claim 12 could include all essential features of one of previous claims 1 to 11 (instead of claims 1 to 5). Claim 13 further relating to a drawer should refer back to claim 12 (instead of claim 1).

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Search result: 1 of 1

(WO/2004/103119) A DRAWER STABILIZING ARRANGEMENT FOR DOUBLE WALLED DRAWER

Biblio. Data	Description	Claims	Documents
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Latest bibliographic data on file with the International Bureau

Int. Class⁷: A47B 88/04

Applicants: LOH, Ean, Leng [SG/SG]; Apt Block 427, Woodlands Street 41, #11-218, Singapore 730427 (SG)
(AG only)

(AC only).
LAM, Harn, Lian [MY/MY]; Plot 32, Lengkok Rishah 1, Kawasan Perindustrian Silibin, 30100 Ipoh, Perak (MY) (AE, AL, AM, AT, AU, AZ, BA, BB, BE, BF, BG, BJ, BR, BW, BY, BZ, CA, CF, CG, CH, CI, CM, CN, CO, CR, CU, CY, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, FR, GA, GB, GD, GE, GH, GM, GN, GQ, GR, GW, HR, HU, ID, IE, IL, IN, IS, IT, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MC, MD, MG, MK, ML, MN, MR, MW, MX, MZ, NA, NE, NI, NL, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, SN, SY, SZ, TD, TG, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW only)

SC, SG, UZ, VC, VN, YU, ZA, ZM, ZW only).
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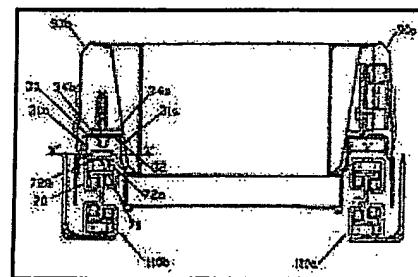
Inventors: LAM, Harn, Lian [MY/MY]; Plot 32, Lengkok Rishah 1, Kawasan Perindustrian Silibin, 30100 Ipoh, Perak (MY)

LAM, Harn, Yan [MY/MY]; Plot 32, Lengkok Rishah 1, Kawasan Perindustrian Silibin, 30100 Ipoh, Perak (MY)

Priority PI 2003 1897 22.05.2003 MY
Data:

Title: A DRAWER STABILIZING ARRANGEMENT FOR DOUBLE WALLED DRAWERS

Abstract: An arrangement for stabilizing the in and out movement of a double walled drawer with a guidance during its movement. Runner systems (110a) are fixed on both sides of the drawer, to precisely control the movement of the drawer as well as supporting it. The stabilizing assembly is mounted on the support bracket (60) of the drawer specially configured to provide a stabilizing effect.



Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW)

Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)
European Patent Office (EPO) (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,

IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR)
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